

**REPORT/RECOMMENDATION TO THE BOARD OF SUPERVISORS
OF SAN BERNARDINO COUNTY, CALIFORNIA
AND RECORD OF ACTION**

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August 12, 2003

FROM: KEN A. MILLER, Director
Department of Public Works - Solid Waste Management Division

**SUBJECT: REQUEST FOR PROPOSALS FOR THE DESIGN OF THE UNIT 3 PHASES 3,
4, AND 5 GROUNDWATER PROTECTION SYSTEM COMPOSITE LINER
PLANS FOR THE MID-VALLEY SANITARY LANDFILL**

RECOMMENDATION:

- 1) Approve Request for Proposals for the Design of the Unit 3 Phases 3, 4, and 5 Groundwater Protection System Composite Liner Plans and performance of Construction Quality Assurance Services for the Mid-Valley Sanitary Landfill; and
- 2) Authorize Solid Waste Management Division (SWMD) to release the Request for Proposals (RFPs).

BACKGROUND INFORMATION: In November 1998, the Regional Water Quality Control Board approved a 40 million ton expansion of the Mid-Valley Sanitary Landfill (MVSL) located in the City of Rialto. Expansion activities commenced in the area designated as Unit 3 with the construction of the Phase 1 Liner project, which was completed in June 2001. Phase 1 construction consisted of lining the bottom and side-slopes up to the second bench of the southern half of Unit 3. Phase 2, which is currently under construction, consists of lining the remaining side-slopes above the Phase 1 limits along the east and south faces. The Phase 2 construction project is scheduled for completion by mid to late fall. In order to continue to ensure adequate capacity at the MVSL, the next phase of liner design must be completed. Rather than designing in single phases alone, SWMD proposes that Phases 3, 4, and 5 be designed simultaneously to allow for construction to be phased. Phase 3 design will consist of lining the remaining side-slopes above the Phase 1 liner limits along the west face and the 75-foot wide area between the top of slope of Unit 3 and the toe of slope of Unit 1. Phase 4 design will consist of lining approximately one half of the north half of the floor of Unit 3 and up the side-slopes of the first two benches. Finally, Phase 5 design will consist of the remaining side-slopes above the Phase 4 limits to the top of slope of Unit 3.

This Request for Proposals is to select a consultant for professional services to design and prepare plans and specifications for the Unit 3 Phases 3, 4, and 5 Groundwater Protection System Composite Liner at Mid-Valley Sanitary Landfill and to perform Construction Quality Assurance services during project construction.

Record of Action of the Board of Supervisors

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REQUEST FOR PROPOSALS FOR THE DESIGN OF THE UNIT 3 PHASES 3, 4, AND 5
GROUNDWATER PROTECTION SYSTEM COMPOSITE LINER PLANS FOR THE MID-VALLEY
SANITARY LANDFILL

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Proposals must be received by 4 p.m. on September 9, 2003. The proposals will be evaluated by a selection committee comprised of representatives from the County. The committee will evaluate and rank proposals based on the experience and qualifications of the firm and the approach to services. Following this evaluation process, the selection committee will present its analysis and recommendation to SWMD. SWMD staff will then open all cost proposals and negotiate and prepare a professional services contract for consideration and approval by the County Board of Supervisors.

The selected consultant is expected to be awarded a contract commencing on September 30, 2003, and continuing through the completion of construction of the Unit 3 Phase 5 Liner project at the MVSL (anticipated to be completed by September 2006).

REVIEW BY OTHERS: This item was reviewed by Deputy County Counsel Robert L. Jocks on July 30, 2003, and County Administrative Office (Tom Forster, Administrative Analyst) on August 1, 2003.

FINANCIAL IMPACT: The issuance of this RFP has no financial impact. Upon selection of a consultant from the proposals, a recommendation of award of contract will be forwarded to the Board as a separate item. The estimated amount for these services is approximately \$600,000. Appropriations for the current year costs associated with this item were included in SWMD's FY 2003/04 budget. Costs for FY 2004/05 and FY 2005/06 will be budgeted by SWMD in those respective years.

COST REDUCTION REVIEW: The County Administrative Office has reviewed this agenda item and concurs with the Division's proposal and recommends this action based on the following: In order to allow landfilling operations to proceed uninterrupted at MVSL, the Unit 3 Phase 3 Liner project must be constructed by late fall of 2004. If the liner construction is not completed, the result will be a loss of usable landfill capacity, a disruption in disposal service in portions of the County, and a major loss of revenue to the SWMD.

SUPERVISORAL DISTRICT: 5th.

PRESENTER: Peter H. Wulfman, 386-8703.

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